

## Electronic Acknowledgement Receipt

EFS ID:	4918446
Application Number:	10719192
International Application Number:	
Confirmation Number:	2998
Title of Invention:	Fast fourier transform processors, methods and orthogonal frequency division multiplexing receivers including memory banks
First Named Inventor/Applicant Name:	Seung-Kwon Baek
Customer Number:	20792
Filer:	David C. Hall/Carey Gregory
Filer Authorized By:	David C. Hall
Attorney Docket Number:	5649-1185
Receipt Date:	06-MAR-2009
Filing Date:	21-NOV-2003
Time Stamp:	13:40:00
Application Type:	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	no
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### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/Message Digest	Multi Part/.zip	Pages (if appl.)
1		1185response.pdf	262677 /1rec:3417441/84698621d0585f67c3cb 8/9e1	yes	4

Multipart Description/PDF files in .zip description			
Document Description	Start	End	
Amendment/Req. Reconsideration-After Non-Final Reject	1	1	
Claims	2	3	
Applicant Arguments/Remarks Made in an Amendment	4	4	

**Warnings:**

**Information:**

Total Files Size (in bytes):	262677
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**New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.